

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037101.D
 Acq On : 19 Aug 2023 02:04
 Operator : JC/MD
 Sample : VX0818WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0818WBS02

Quant Time: Aug 21 01:36:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	158956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	277735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121391	52.971	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.940%			
35) Dibromofluoromethane	5.385	113	96724	52.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.180%			
50) Toluene-d8	8.647	98	358762	53.770	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.540%			
62) 4-Bromofluorobenzene	11.079	95	138586	52.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41632	22.547	ug/l	97
3) Chloromethane	1.300	50	34105	21.113	ug/l	98
4) Vinyl Chloride	1.374	62	37720	21.452	ug/l	96
5) Bromomethane	1.605	94	22865	26.106	ug/l	99
6) Chloroethane	1.684	64	23555	22.765	ug/l	94
7) Trichlorofluoromethane	1.886	101	65114	22.607	ug/l	99
8) Diethyl Ether	2.136	74	23009	20.648	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	34582	20.581	ug/l	97
10) Methyl Iodide	2.453	142	42938	21.025	ug/l	96
11) Tert butyl alcohol	2.959	59	50743	94.394	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	33768	20.637	ug/l	89
13) Acrolein	2.233	56	28726	70.243	ug/l	98
14) Allyl chloride	2.666	41	49307	19.468	ug/l #	95
15) Acrylonitrile	3.062	53	95954	100.006	ug/l	100
16) Acetone	2.379	43	85441	95.304	ug/l	91
17) Carbon Disulfide	2.514	76	84346	20.265	ug/l	98
18) Methyl Acetate	2.703	43	66345	19.655	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	126336	20.358	ug/l	98
20) Methylene Chloride	2.788	84	39241	19.573	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	38091	20.478	ug/l	87
22) Diisopropyl ether	3.763	45	106784	20.547	ug/l #	85
23) Vinyl Acetate	3.721	43	406267	102.009	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	67543	20.724	ug/l	97
25) 2-Butanone	4.556	43	131896	97.710	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	43107	14.810	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	44315	20.209	ug/l	89
28) Bromochloromethane	4.897	49	31733	21.796	ug/l #	78
29) Tetrahydrofuran	5.007	42	83126	96.562	ug/l #	83
30) Chloroform	5.092	83	74380	20.331	ug/l	99
31) Cyclohexane	5.470	56	55147	21.402	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	68874	21.008	ug/l	97
36) 1,1-Dichloropropene	5.690	75	52153	19.957	ug/l	97
37) Ethyl Acetate	4.714	43	51492	19.289	ug/l #	95
38) Carbon Tetrachloride	5.678	117	58851	20.732	ug/l	96
39) Methylcyclohexane	7.379	83	56693	20.649	ug/l	88
40) Benzene	6.037	78	155068	20.690	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	27884	20.093	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	59965	20.402	ug/l	96
43) Isopropyl Acetate	6.336	43	84079	19.839	ug/l #	93
44) Trichloroethene	7.129	130	42770	20.125	ug/l	96
45) 1,2-Dichloropropane	7.427	63	38268	20.708	ug/l	97
46) Dibromomethane	7.580	93	29782	20.457	ug/l	95
47) Bromodichloromethane	7.824	83	57048	20.459	ug/l	96
48) Methyl methacrylate	7.689	41	41629	20.142	ug/l #	86
49) 1,4-Dioxane	7.659	88	21401	384.474	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	262820	102.126	ug/l	92
52) Toluene	8.720	92	103311	20.863	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	58526	19.712	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62316	19.422	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	41783	20.721	ug/l	96
56) Ethyl methacrylate	9.116	69	63723	20.176	ug/l	89
57) 1,3-Dichloropropane	9.305	76	68739	20.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	159654	105.333	ug/l	94
59) 2-Hexanone	9.427	43	201857	102.872	ug/l	91
60) Dibromochloromethane	9.518	129	44927	20.927	ug/l	99
61) 1,2-Dibromoethane	9.610	107	45756	20.725	ug/l	99
64) Tetrachloroethene	9.275	164	38562	20.516	ug/l	97
65) Chlorobenzene	10.079	112	110775	20.342	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	41124	20.461	ug/l	98
67) Ethyl Benzene	10.195	91	197634	20.625	ug/l	99
68) m/p-Xylenes	10.299	106	153276	41.421	ug/l	99
69) o-Xylene	10.640	106	75256	20.613	ug/l	99
70) Styrene	10.652	104	123179	20.483	ug/l	98
71) Bromoform	10.799	173	30673	20.403	ug/l #	98
73) Isopropylbenzene	10.963	105	195970	21.417	ug/l	100
74) N-amyl acetate	10.841	43	73464	20.663	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	63452	20.591	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	53632m	20.005	ug/l	
77) Bromobenzene	11.195	156	46733	20.912	ug/l	93
78) n-propylbenzene	11.305	91	216872	21.285	ug/l	99
79) 2-Chlorotoluene	11.366	91	136476	20.961	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	163274	21.391	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15454	16.100	ug/l	93
82) 4-Chlorotoluene	11.451	91	156480	20.820	ug/l	99
83) tert-Butylbenzene	11.713	119	154763	21.261	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	163085	21.141	ug/l	96
85) sec-Butylbenzene	11.890	105	182922	21.514	ug/l	99
86) p-Isopropyltoluene	12.006	119	156148	21.333	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	83304	19.911	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	86434	19.996	ug/l	99
89) n-Butylbenzene	12.329	91	123410	20.337	ug/l	98
90) Hexachloroethane	12.536	117	25399	20.790	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	83565	20.397	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13762	19.220	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	45455	18.962	ug/l	97
94) Hexachlorobutadiene	13.725	225	17927	19.358	ug/l	98
95) Naphthalene	13.774	128	173624	16.535	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45269	19.008	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

